

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application

Inventor: Brian K. Tanner

Appln. No.: Unknown

Confirm. No.: Unknown

Filed: Herewith

Title: APPARATUS FOR SPINDLE BEARING  
FRICTION ESTIMATION FOR RELIABLE DISK  
DRIVE STARTUP

PATENT APPLICATION

Art Unit: Unassigned

Examiner: Unassigned

23910

PATENT TRADEMARK OFFICE

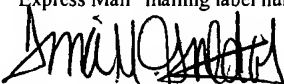
19972 U.S. PTO  
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(Signature)

Tina Galdos

Signature Date: July 28, 2003

UTILITY PATENT APPLICATION TRANSMITTAL LETTER UNDER 37 C.F.R §1.53(b)

Mail Stop PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing is the patent application identified as follows:

Inventor: Brian K. Tanner

Title: APPARATUS FOR SPINDLE BEARING FRICTION ESTIMATION FOR  
RELIABLE DISK DRIVE STARTUP

No. of pages in Specification (including claims and abstract): 33; No. of Claims: 35.

No. of Sheets of Drawings: 2; Formal: ✓, Informal:   .

Also enclosed are:

- ✓ A Declaration.
- ✓ An Application Data Sheet.
- A certified copy of a priority application.
- A Power of Attorney.
- An Information Disclosure Statement Under 37 C.F.R. § 1.56.

The filing fee pursuant to 37 C.F.R. § 1.16 is determined as follows:

       Applicant(s) qualify for small entity status under 37 C.F.R. § 1.27.

For	Number Filed	Number Extra	Rate Small Entity/Other Than Small Entity	Total
BASIC FEE (37 CFR 1.16(a))			\$375.00 \$750.00	\$750
TOTAL CLAIMS (37 CFR 1.16(c))	<u>  35  </u> - 20	<u>  15  </u> *	X \$ 9.00 X \$ 18.00	\$270
INDEPENDENT CLAIMS (37 CFR 1.16(b))	<u>   8   </u> - 3	<u>   5   </u> *	X \$ 42.00 X \$ 84.00	\$420
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))			+ \$140.00 + \$280.00	\$
			TOTAL	\$1,440.00

\*If the difference in column 1 is less than zero, enter "0" in column 2.

- ✓ Checks totaling \$1,440.00 are enclosed to cover the filing fee.
- ✓ The Commissioner is hereby authorized to charge any deficiencies or credit overpayment to Deposit Account No. 06-1325. A duplicate copy of this authorization is enclosed.

This application is filed pursuant to 37 C.F.R. §1.53(b) in the name of the above-identified Inventor(s).

✓

This application claims priority to an earlier-filed Provisional patent application, as set forth more fully in this application.

Please direct all correspondence concerning the above-identified application to the following address:

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Respectfully submitted,

Date: 7/28/03

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